



Application No: GB0523076.8

Examiner: D. P. Harness

Claims searched: 1-3

Date of search: 14 December 2005

## Patents Act 1977: Search Report under Section 17

### Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
X,P	1-3	GB2382364 A (POLAR COMPLETIONS) See figure 2 & page 7, lines 7-20.
X	1-3	US4424865 A (PAYTON JR.) Note figure.
X	1-3	US2723721 A (CORSETTE) See figure 1 and associated description.
X	1-3	US2691418 A (CONNOLLY) See figure 1, flexible cup 3 and rib 22.
X	1-3	US2664952 A (LOSEY) Particularly note figures II and V.
X	1-3	US2609258 A (TAYLOR ET AL) See particularly figure 1.
X	1-3	US2305282 A (TAYLOR ET AL) See figure 1.

### Categories:

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.

### Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC<sup>X</sup>:

E1F

Worldwide search of patent documents classified in the following areas of the IPC<sup>07</sup>

E21B

The following online and other databases have been used in the preparation of this search report



INVESTOR IN PEOPLE

WPI, EPODOC, PAJ, OPTICS



Your ref :	P102941GB06/ASG	Examiner :	D. P. Harness
Application No:	GB0523076.8	Tel :	01633 813502
Applicant :	Enventure Global Technology	Date of report :	15 December 2005
Latest date for reply:	18 April 2006	Page 1/3	

**Patents Act 1977  
Examination Report under Section 18(3)**

**Allowance of the divisional date**

1. Your request that this application be treated as having been filed on 12 June 2003, which is the same date of filing as your earlier application number GB0500275.3, has been allowed. Publication of this divisional application is proceeding concurrently.

**Plurality of invention**

2. Your claims define a number of separate inventions not forming a single inventive concept. The inventions are:

- i) A packer cup apparatus, as defined in independent claims 1 and 3 (page 33)
- ii) An apparatus for radially expanding and plastically deforming an expandable tubular member, as defined in independent claim 1 (page 34).
- iii) An apparatus for radially expanding and plastically deforming an expandable tubular member, as defined in independent claim 21.
- iv) A collapsible expansion cone assembly, as defined in independent claim 22.
- v) A collapsible expansion cone assembly, as defined in independent claim 25.
- vi) An apparatus for radially expanding and plastically deforming an expandable tubular member, as defined in independent claim 26.
- vii) A collapsible expansion cone assembly, as defined in independent claim 30.
- viii) A packer cup apparatus, as defined in independent claim 34.
- xi) A method of radially expanding and plastically deforming an expandable tubular member, as defined in independent claim 39

You will need to amend your claims, so that they relate to only one invention or inventive concept. You will also need to make consequential amendments to the description.



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**[Examination Report contd.]**

**Scope of search**

3. In accordance with Section 17(6), only the first of these inventions has been searched.

**Novelty**

4. The invention as defined in claims 1-3 is not new because it has already been disclosed in each of the following documents:

GB2382364\* A (POLAR COMPLETIONS) See figure 2 & page 7, lines 7-20.

US4424865 A (PAYTON JR.) Note figure.

US2723721 A (CORSETTE) See figure 1 and associated description.

US2691418 A (CONNOLLY) See figure 1, flexible cup 3 and rib 22.

US2664952 A (LOSEY) Particularly note figures II and V.

US2609258 A (TAYLOR ET AL) See particularly figure 1.

US2305282 A (TAYLOR ET AL) See figure 1.

5. No amendment of your claims 1-3 will be needed in respect of the document marked \* if you can show that the priority date of your invention is not later than the priority date of the relevant disclosure in that document.

6. In view of the very broad scope of the first invention, as defined in claims 1-3 on page 33, these documents are cited as examples of prior art and a further search may prove necessary in response to any amendment of the claims.

**What this report covers**

7. I have not been able to consider the novelty or obviousness of the unsearched inventions.

**Clarity**

8. There are currently two sets of claims on file, these should be renumbered to form a single set.

9. Since claim 34 is a not claim to a method, claim 40 is obscure since it refers to the "method of claim 34".



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[Examination Report contd.]

10. Your application fails to comply with Section 14(5) of the Act (see MOPP paragraph 14.140) owing to the presence of a number of independent claims of overlapping scope. The claims should be revised in accordance with the standard British format of a single independent claim for each category (e.g. apparatus and the method) followed by a series of appendant claims. †

11. The final paragraph of the description suggests that the scope of the invention is not limited by the claims. Consequently, the scope of the invention is obscured and amendment appears necessary in this respect.

12. Amendment made to the claims by way of clarification may necessitate similar revision of the corresponding paragraphs of the description.

† [This issue is covered in a *Code of Practice for patent applicants and agents* which the Patent Office published on 31 March 2004 as part of the Manual of Patent Practice. An online summary of the Code can be seen at <http://www.patent.gov.uk/patent/reference/index.htm> and I direct your attention to Code point 1 - relating to the structure of the claims filed. You can help us to work more effectively by observing the Code points.]

**Conflict with corresponding GB Patent Applications**

13. Care should be taken when amending the claims to clearly distinguish the claims of this application from those of the parent application GB 0500275.3, and corresponding divisional application GB0523078.4 so that conflict of claims does not occur. Claims 1(page 34)-20 of this present application are the same as claims 1-20 of the parent application GB 0500275.3 and claims 34-38 are the same as claims 1-5 and 34-38 of the corresponding divisional application, and so amendment is required in this respect.